

09/13/860

### ABSTRACT OF THE DISCLOSURE

A method for rapid processing of large sets of hyperspectral data. A hyperspectral image, with hundreds of thousands to millions of pixels measured at hundreds of wavelengths, can contain over a gigabyte of data. Even modern computers can be quite slow when performing involved calculations on data sets of this size. An algorithm requiring a minimal amount of floating point calculations that still yielded useful results is disclosed.

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